



# AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

## PIGMENT GREEN 7

### Technical Data Sheet

#### Product Description

CI Generic Name	<b>Pigment Green 7</b>	Asm Product Code	<b>AGSFASTGREEN PL101</b>
CI No.	<b>74260</b>	CAS No.	<b>1328-53-6</b>
EINECS No.	<b>215-524-7</b>	Chemical Type	<b>Cu, Phthalo Green</b>
Molecular Formula	<b>C<sub>32</sub>H<sub>2</sub>Cl<sub>14</sub>N<sub>8</sub></b>	Molecular Weight	<b>1092-1127</b>
Chemical Name	<b>Copper, [tetradecachloro-29H, 31H-phthalocyaninato (2- )-N{29}, N{30}, N{31}, N{32}]-</b>		

#### Physical Properties

Residue on 300 Mesh-Sie	<b>&lt;500 PPM</b>	Oder	<b>Odorless</b>
Oil Absorption (ml/gms)	<b>30-36(100g pigment)</b>	Melting point/range	<b>480°C</b>
Bulk Density (ml/gms)	<b>0.37-0.60 gms/cc</b>	Specific Gravity 20°C	<b>1.94-2.05 at 200 °C</b>
Salt Content	<b>1.0% Max</b>	Flammability	<b>Non-flammable</b>
Moisture Content	<b>1.0% Max</b>	Ignition Temperature	<b>Not Applicable</b>
pH of water extract	<b>6.0-8.0</b>	Danger of explosion	<b>Not explosive. Dust can form an explosive mixture with air</b>
pH of 10% Aq.Slurry	<b>7.0-8.0</b>	Solubility in water	<b>1.0% Max</b>
Form	<b>Powder</b>	Vapour Pressure	<b>Not Applicable</b>
Color	<b>Bright Green</b>		

#### Fastness Properties & Solvent Properties

Heat Resistance (Mass)	<b>260°C for 5 Min</b>	Weather Fastness	<b>Mass: 5</b>	<b>Tint: 5</b>
Heat Resistance (Tint)	<b>290°C for 5 Min</b>	Migration	<b>4-5</b>	
Light Fastness (Mass)	<b>8</b>	Acid (HCL) 5%	<b>5</b>	
Light Fastness (Tint)	<b>8</b>	Alkali NaOH	<b>5</b>	

#### Application

Cable Sheathing Compounds	*
LDPE, LLDPE, HDPE	*
PS, PO, PVC, PP, PET, PA	*
Engineering Plastics	*
Rubber	*
PAN Spin Dyeing	*

#### Specification (Rules)

<b>Colorist Properties</b>	<b>Strength: 100 ± 5 %</b>	<b>DA, DB, DE, DC, DH, DL: &lt;/= ± 1.00</b>
<b>Light fastness</b>	Scale 1-8	1=Poor & 8=Excellent
<b>Weather Fastness</b>	Scale 1-5	1=Poor & 5=Excellent
<b>Overspray</b>	Scale 1-5	1=Poor & 5=Excellent
<b>Solvent Fastness</b>	Scale 1-5	1=Poor & 5=Excellent

Regd. Office: 402, Atlantis Enclave, Above Dinner Bell, Nr. Subhash Chowk,  
Off. Gurukul Road, Ahmedabad-380 052, Gujarat (India).

+91-79-400522727, 40052626 | +91-79-40053030 | [tech@agsorganics.com](mailto:tech@agsorganics.com)